## **SUBSTITUTE SPECIFICATION**

## **Claims**

- 1. A composition comprising:
  - (a) a pulp extract from the fruit of Argania spinosa; and
  - (b) at least one dermopharmaceutical auxiliary and/or additive.
- 2. The composition according to Claim 1, wherein the extract comprises a non-saponifiable fraction of the pulp.
- 3. The composition according to Claim 2, wherein the extract comprises a triterpene-fraction of the pulp.
- 4. The composition according to Claim 1, wherein the total amount of extract present in the composition is 0.01-25% by weight, based on dry weight.
- 5. The composition according to Claim 1, wherein the total amount of extract present in the composition is 0.03-5% by weight, based on dry weight.
- 6, The composition according to Claim 1, wherein the total amount of extract present in the composition is 0.03-0.6% by weight, based on dry weight, wherein the quantitative amounts add up to 100% by weight of water and optionally added auxiliaries and additives.
- 7. The composition according to Claim 4, wherein the total amount of auxiliaries and additives is 1-50% by weight.
- 8. The composition according to Claim 1, incorporated into a medicament for the treatment of skin damaged by UV-A and/or UV-B radiation.
- 9. A composition comprising:
- (a) a component selected from the group consisting of: the pulp of the fruit of Argania spinosa, the non-saponifiable-fraction thereof, the triterpene-fraction thereof,

## SUBSTITUTE SPECIFICATION

lupeol,

α-amyrine, β-amyrine, taraxasterol, and psi-taraxasterol; and,

- (b) at least one cosmetic auxiliary and/or additive.
- 10. The composition according to Claim 9, wherein (b) is selected from the group consisting of oily bodies, surfactants, emulsifiers, fats, waxes, pearlescent waxes, bodying agents, thickeners, superfatting agents, stabilizers, polymers, silicone compounds, lecithins, phospholipids, biogenic active ingredients, deodorants, antimicrobial agents, antiperspirants, film formers, antidandruff agents, swelling agents, insect repellents, hydrotropes, solubilizers, preservatives, perfume oils and dyes.
- 11. The composition according to Claim 10, wherein the total amount of extract present in the composition is 0.01-25% by weight, based on dry weight.
- 12. A process for producing an extract from the fruit of Argania spinosa, comprising the steps of:

extracting the pulp from the fruit of Argania spinosa with a solvent selected from the group consisting of: a hydrocarbon; a halogenated hydrocarbon; a  $C_{1-6}$  alcohol; an ester of a  $C_{1-6}$  carboxylic acid and a  $C_{1-6}$  alcohol; a  $C_{1-6}$  ketone: and a supercritical fluid to obtain a mixture comprising an extract and a solvent; and

removing the solvent from the mixture.

13. The process according to Claim 12, further comprising the steps of:

saponifying the extract;

separating the saponified extract substances from the non-saponifiable extract; and

fractionating from the non-saponifiable extract the triterpene fraction which consists of lupeol, alpha-amyrine, beta-amyrine, taraxasterol and psitaraxasterol.

14. The process according to Claim 12, wherein the solvent is removed by drying.

## **SUBSTITUTE SPECIFICATION**

- 15. The process according to Claim 12, wherein the solvent is removed by distilling.
- 16. The process according to Claim 12, wherein the hydrocarbon is hexane.
- 17. The process according to Claim 12, wherein the hydrocarbon is heptane.
- 18. The process according to Claim 12, wherein the ester is ethyl acetate.
- 19. The process according to Claim 12, wherein the ketone is acetone.
- 20. The process according to Claim 12, wherein the supercritical fluid is carbon dioxide.
- 21. A triterpene fraction of an extract of the pulp of the fruit of Argania spinosa, comprising lupeol,  $\alpha$ -amyrine,  $\beta$ -amyrine, taraxasterol, and psi-taraxasterol.